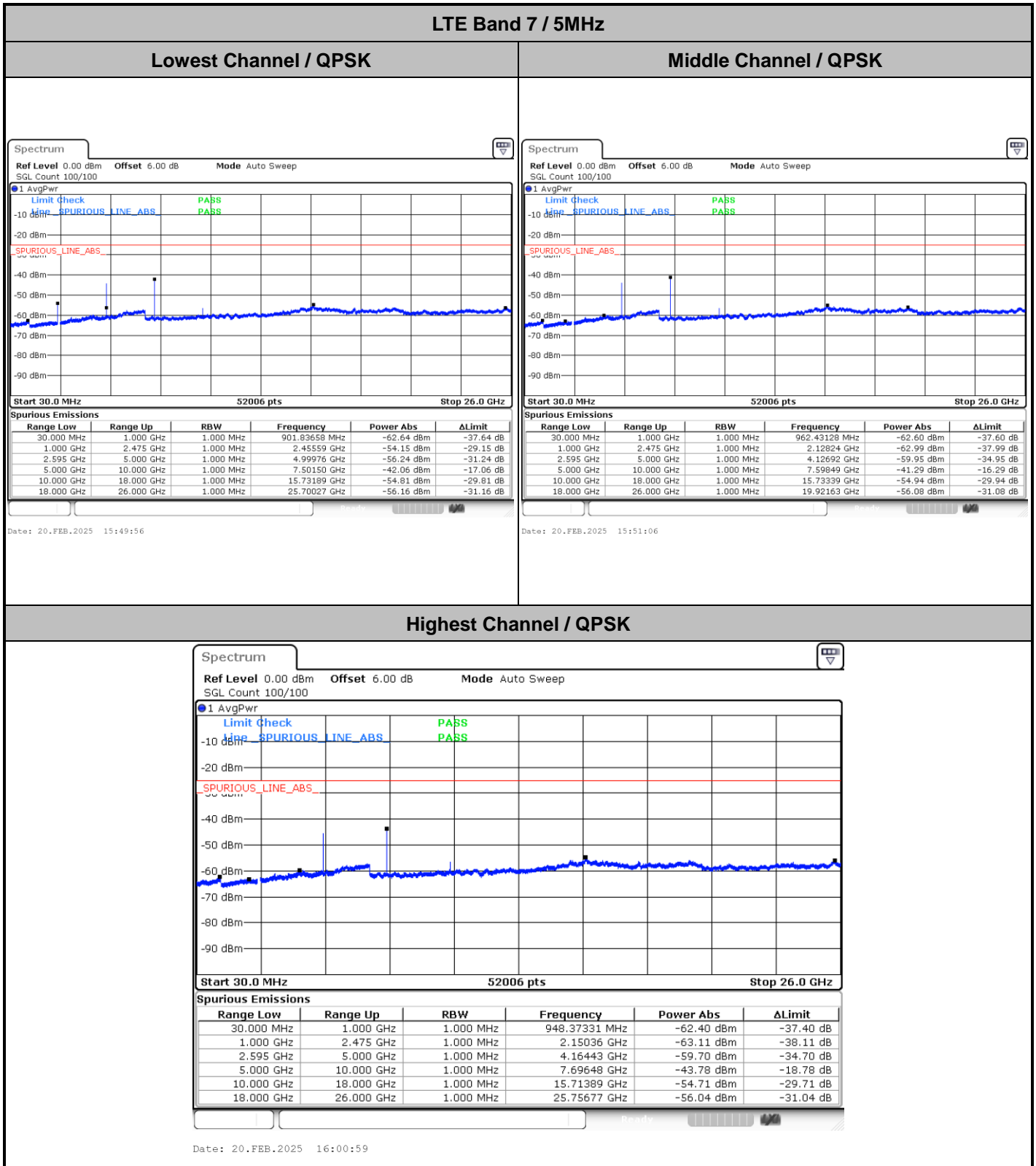




Conducted Spurious Emission

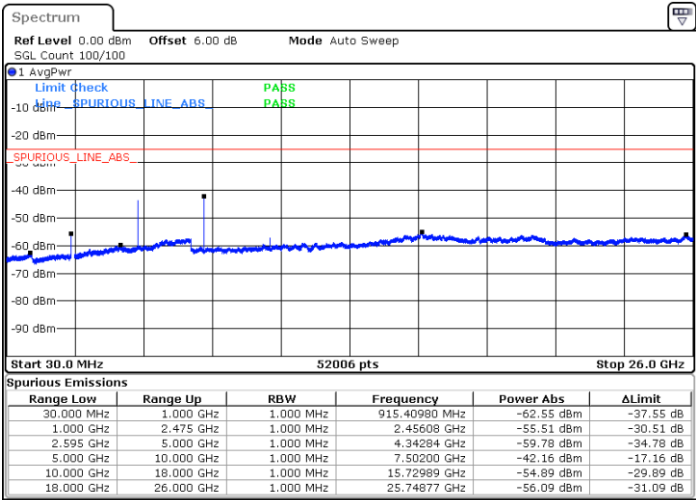




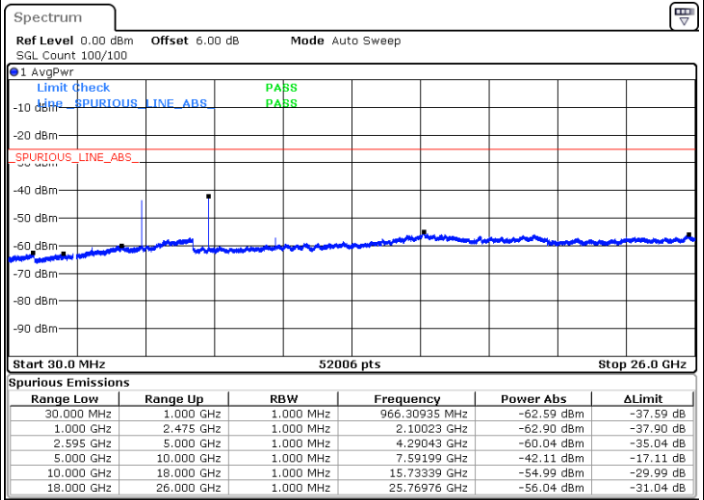
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

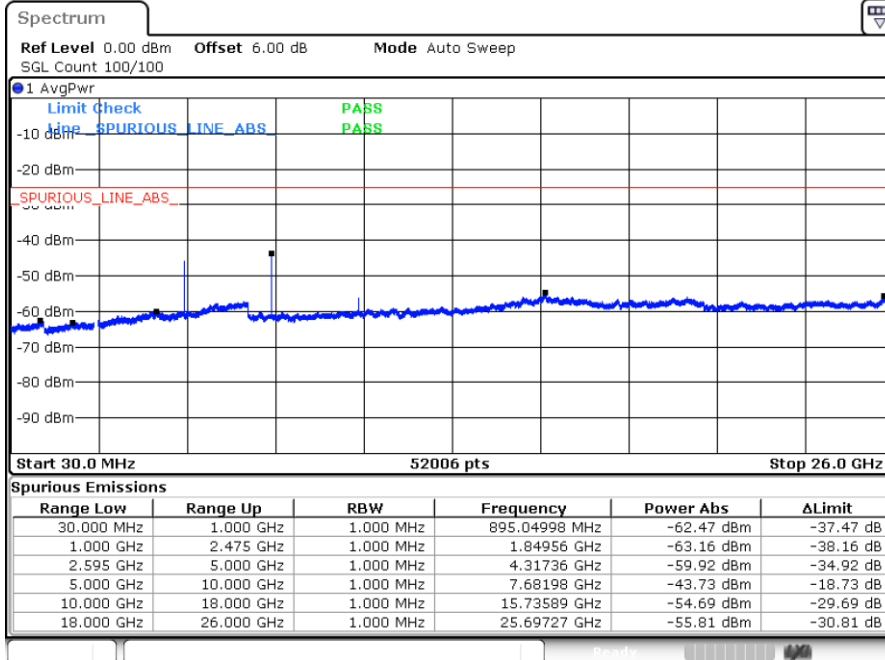


Date: 20.FEB.2025 16:10:13



Date: 20.FEB.2025 16:11:23

Highest Channel / QPSK



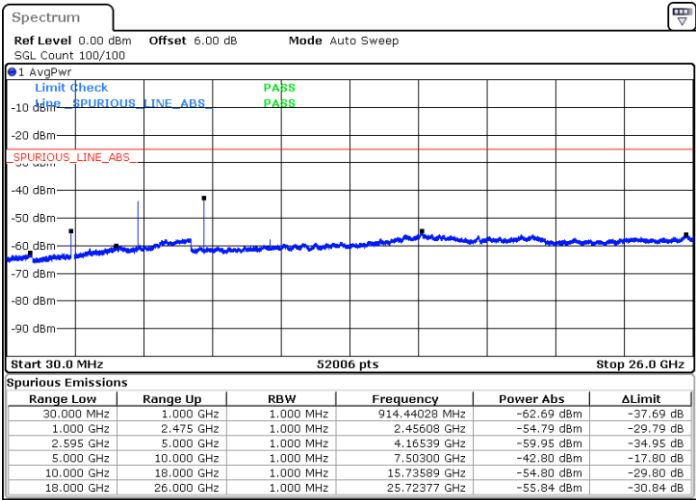
Date: 20.FEB.2025 16:21:14



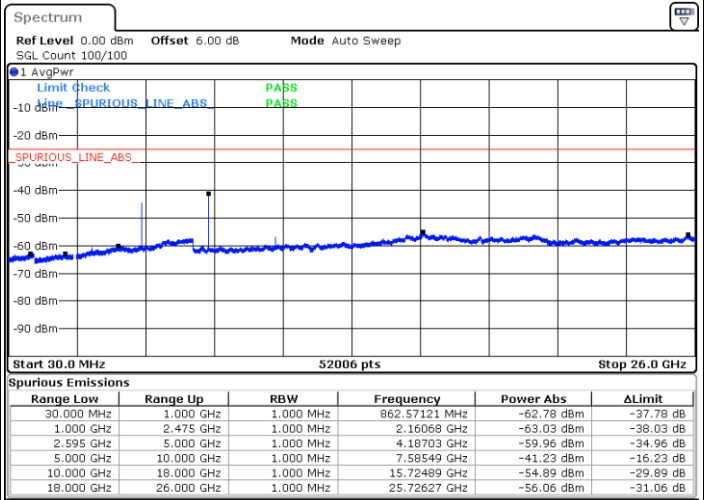
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

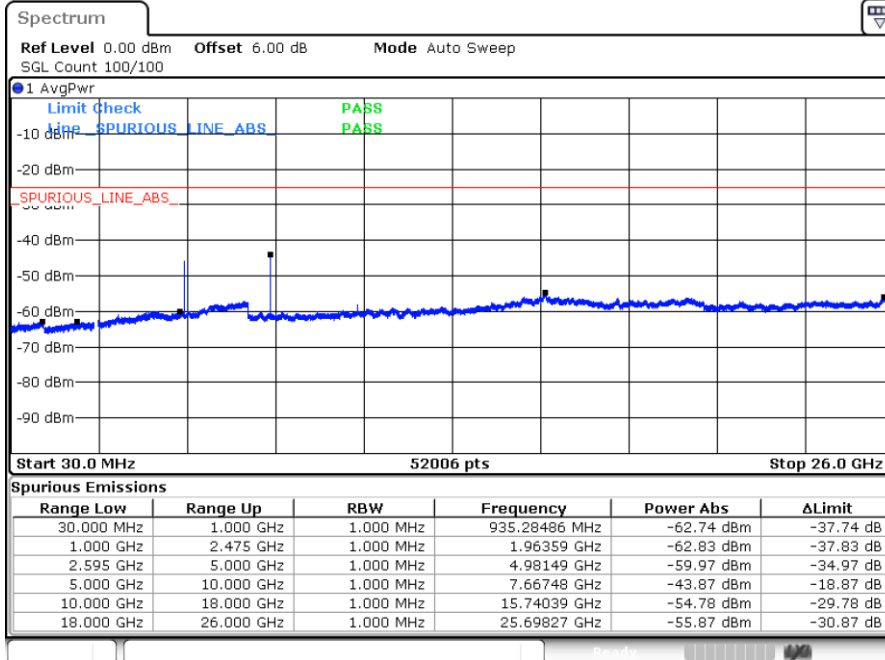


Date: 20.FEB.2025 16:30:29



Date: 20.FEB.2025 16:31:39

Highest Channel / QPSK



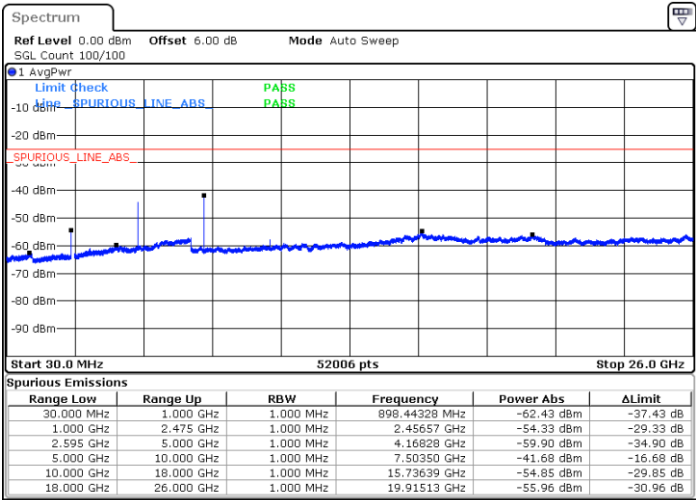
Date: 20.FEB.2025 16:43:51



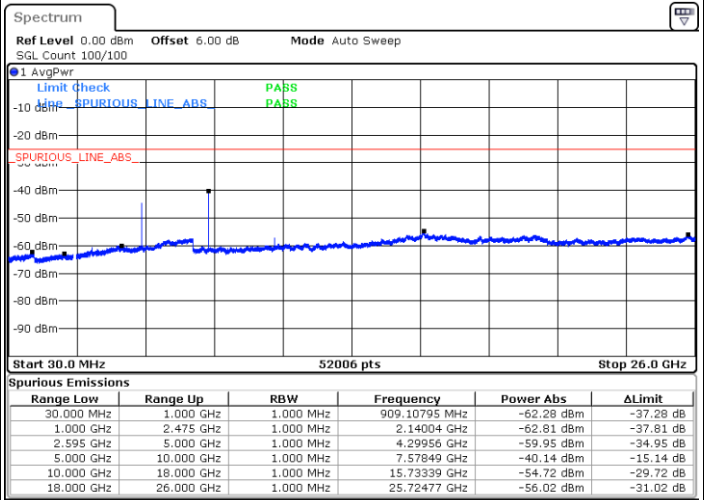
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

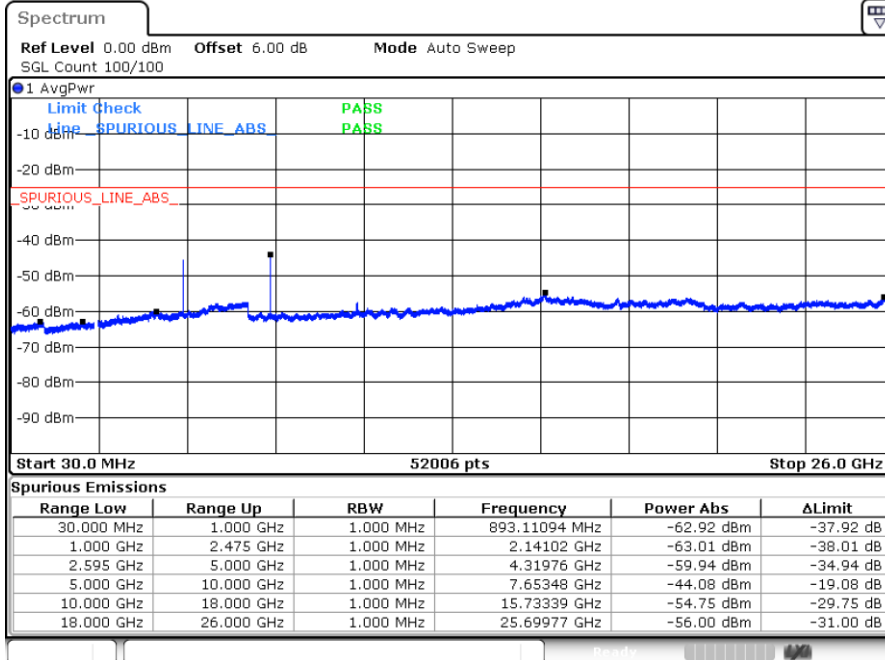


Date: 20.FEB.2025 16:53:07



Date: 20.FEB.2025 16:54:17

Highest Channel / QPSK



Date: 20.FEB.2025 17:05:30



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0058	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0048	
20	Normal Voltage	0.0045	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.53 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

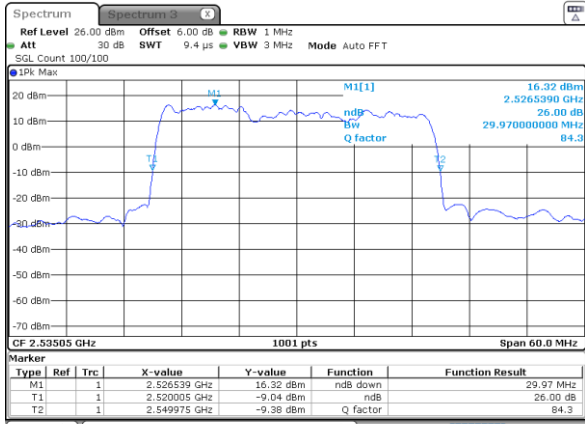
26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.97
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.33
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.75	30.69
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	36.97	35.11
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.03
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.90
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.04	40.04



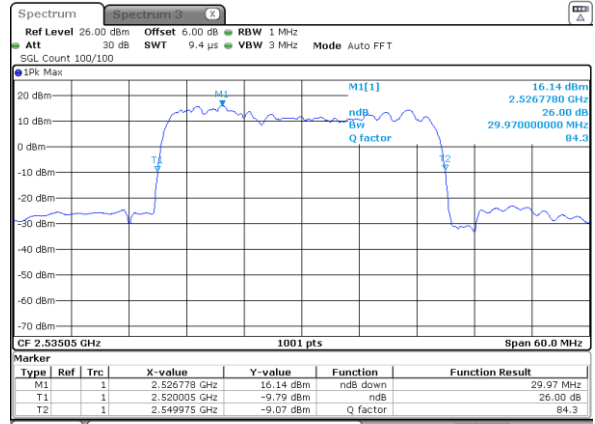
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 5.FEB.2025 10:53:21

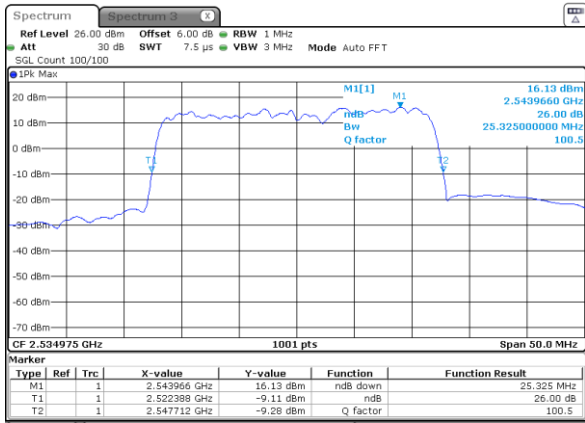
Middle Channel / 10MHz+20MHz / 16QAM



Date: 5.FEB.2025 10:53:51

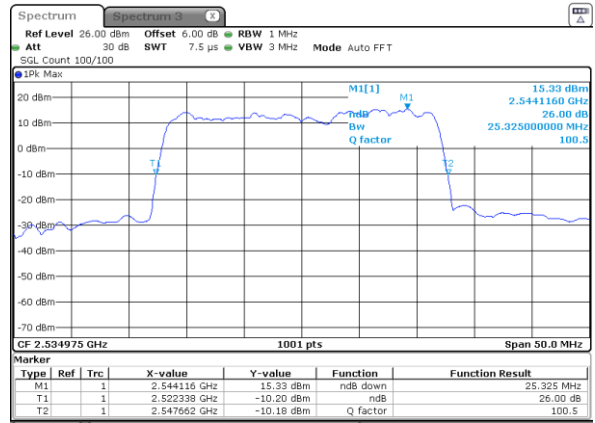
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 5.FEB.2025 11:12:48

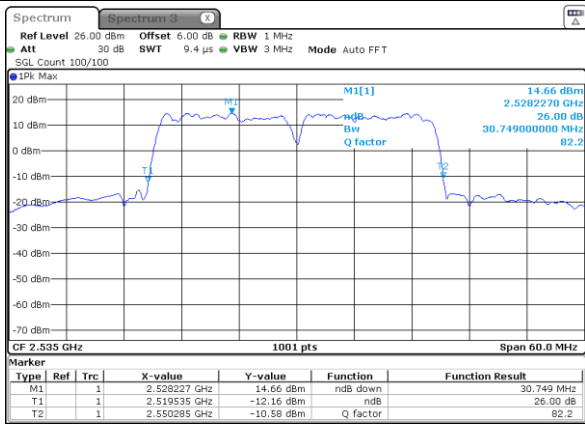
Middle Channel / 15MHz+10MHz / 16QAM



Date: 5.FEB.2025 11:13:16

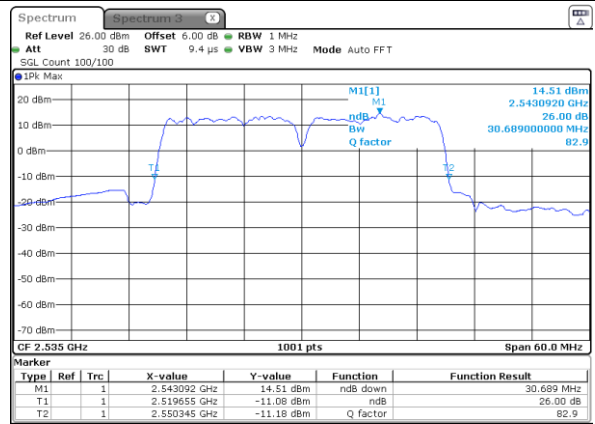
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 5.FEB.2025 11:15:34

Middle Channel / 15MHz+15MHz / 16QAM

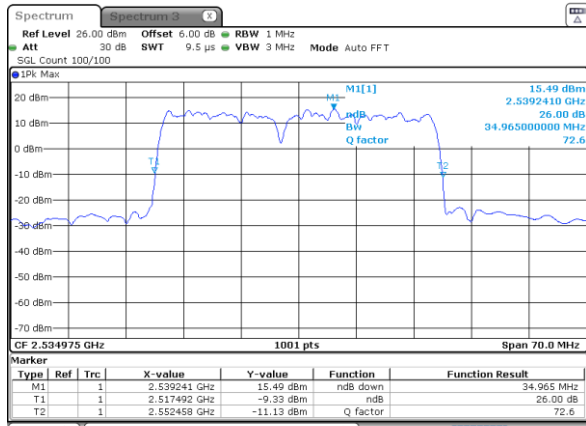


Date: 5.FEB.2025 11:16:02



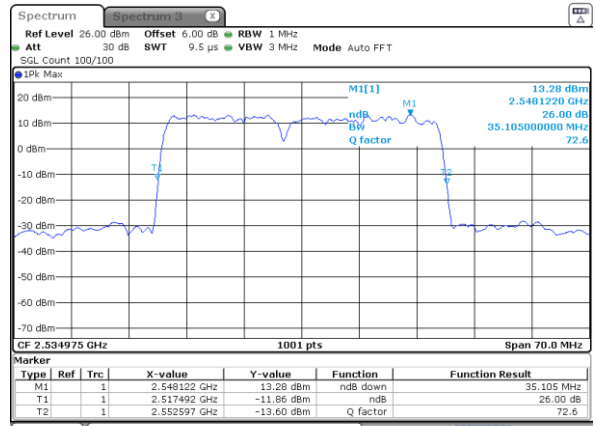
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 5.FEB.2025 11:18:23

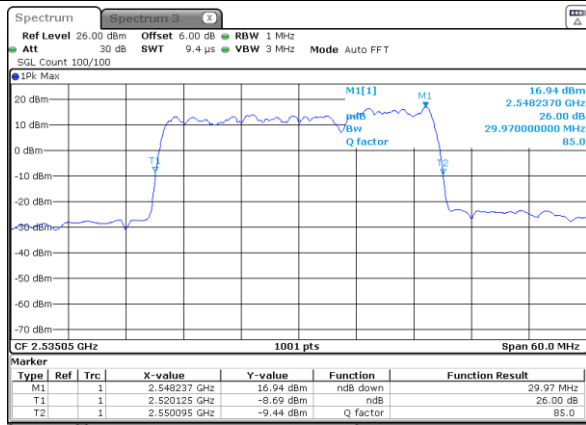
Middle Channel / 15MHz+20MHz / 16QAM



Date: 5.FEB.2025 11:18:51

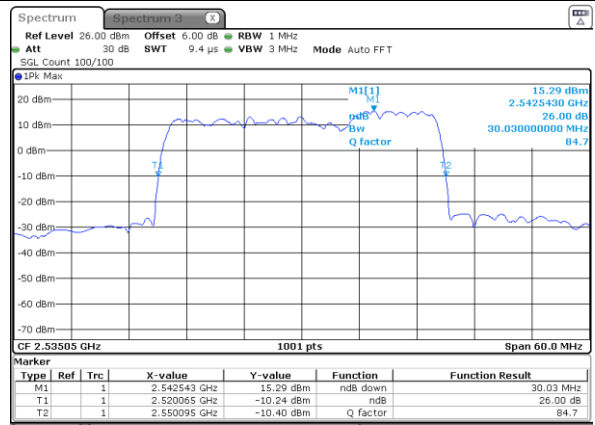
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 5.FEB.2025 11:21:02

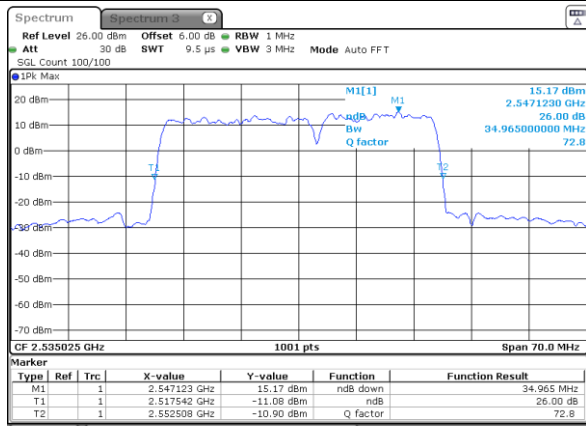
Middle Channel / 20MHz+10MHz / 16QAM



Date: 5.FEB.2025 11:21:30

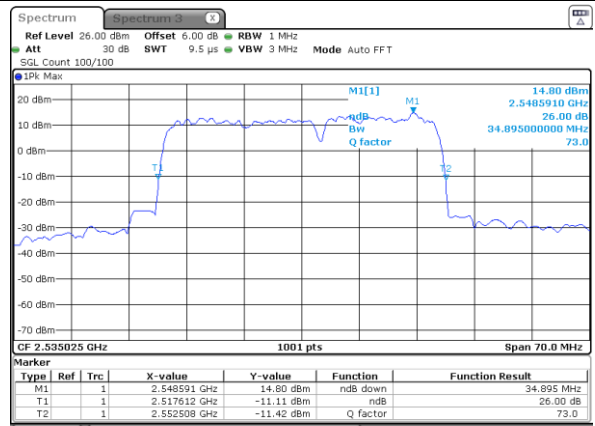
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 5.FEB.2025 11:24:43

Middle Channel / 20MHz+15MHz / 16QAM

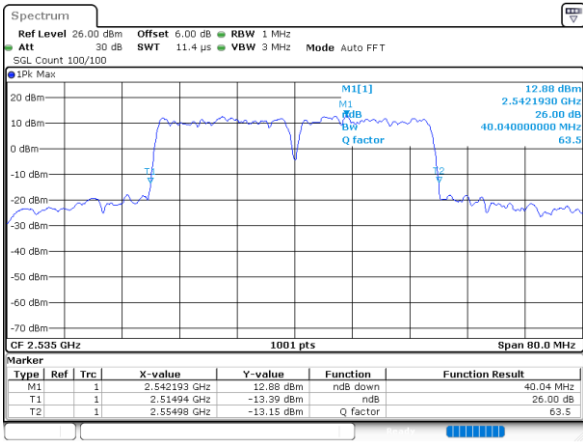


Date: 5.FEB.2025 11:24:15



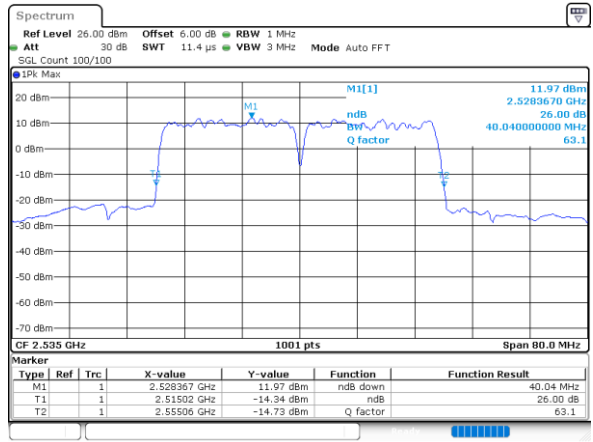
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 24.JAN.2025 13:57:09

Middle Channel / 20MHz+20MHz / 16QAM



Date: 24.JAN.2025 13:57:37



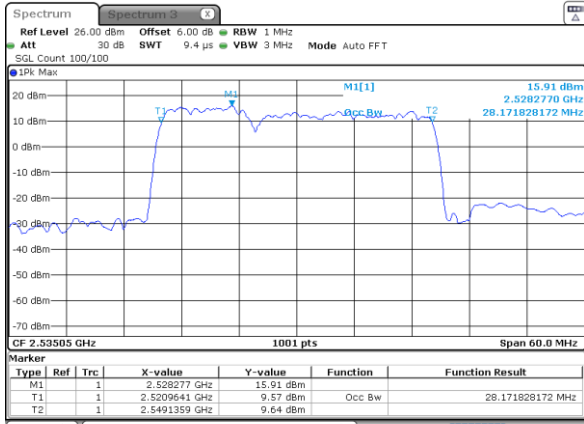
Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.17	28.17
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.58
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.47	28.47
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.80	32.80
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	28.11
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	32.80
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.48	37.72



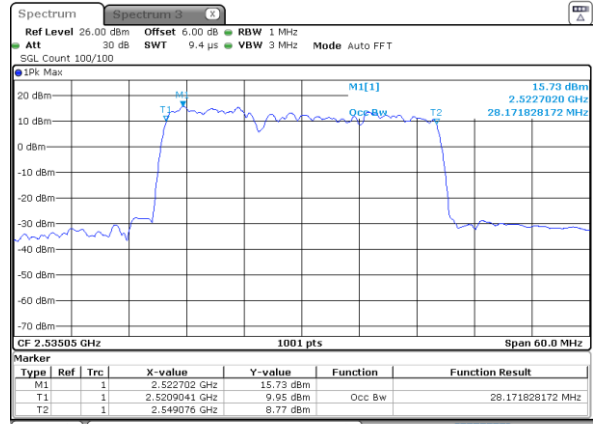
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



Date: 5.FEB.2025 10:52:51

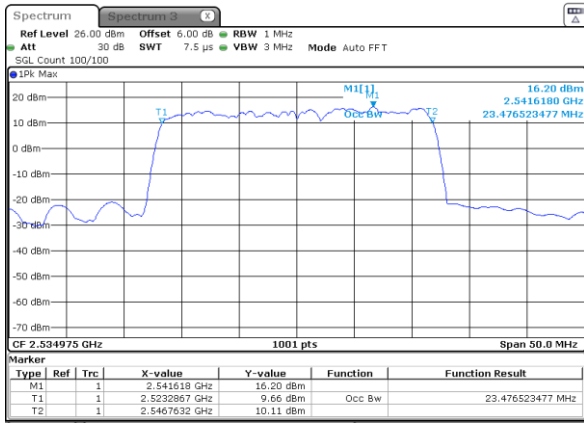
Middle Channel / 10MHz+20MHz / 16QAM



Date: 5.FEB.2025 10:54:20

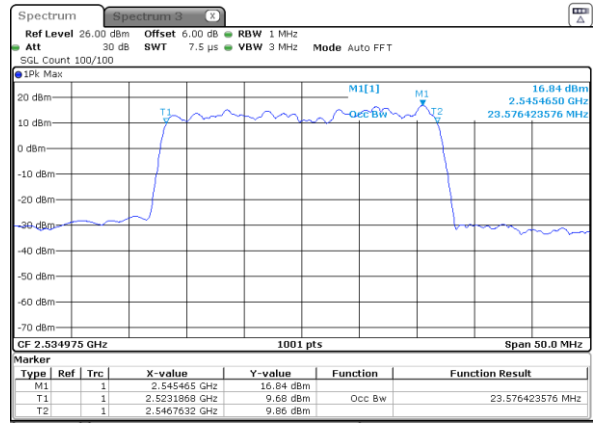
LTE Band 7C

Middle Channel / 15MHz+10MHz / QPSK



Date: 5.FEB.2025 11:12:21

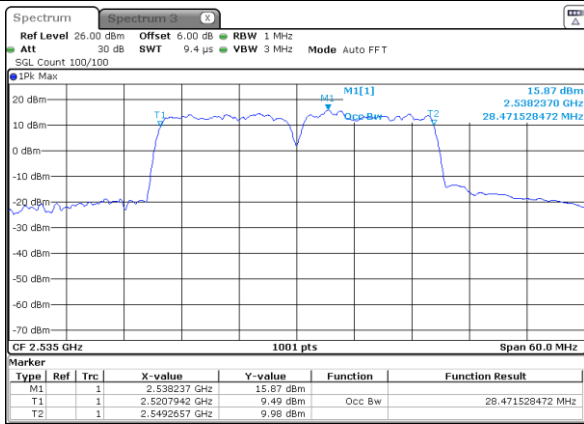
Middle Channel / 15MHz+10MHz / 16QAM



Date: 5.FEB.2025 11:13:43

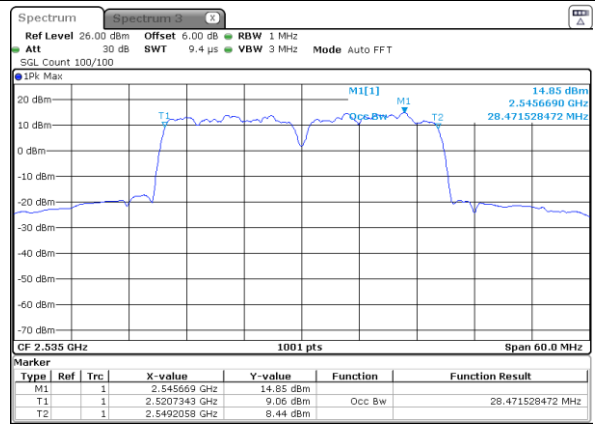
LTE Band 7C

Middle Channel / 15MHz+15MHz / QPSK



Date: 5.FEB.2025 11:15:07

Middle Channel / 15MHz+15MHz / 16QAM

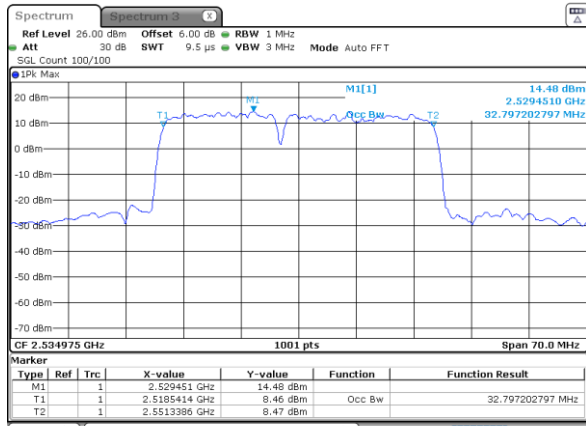


Date: 5.FEB.2025 11:16:30



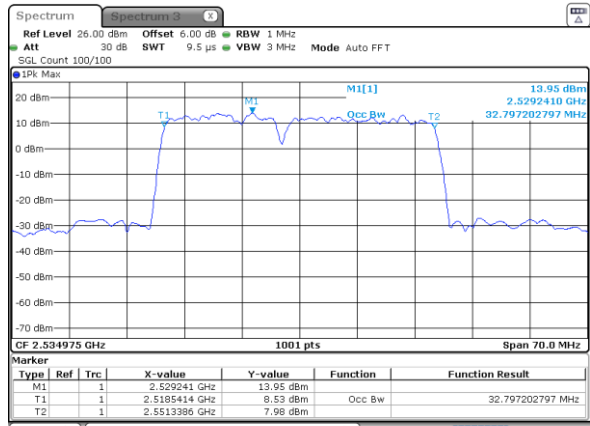
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



Date: 5.FEB.2025 11:17:55

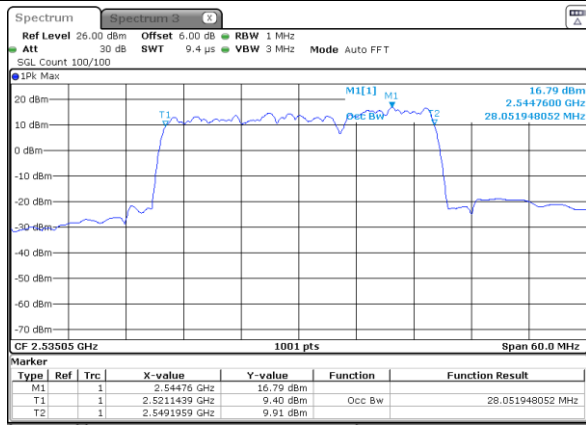
Middle Channel / 15MHz+20MHz / 16QAM



Date: 5.FEB.2025 11:19:18

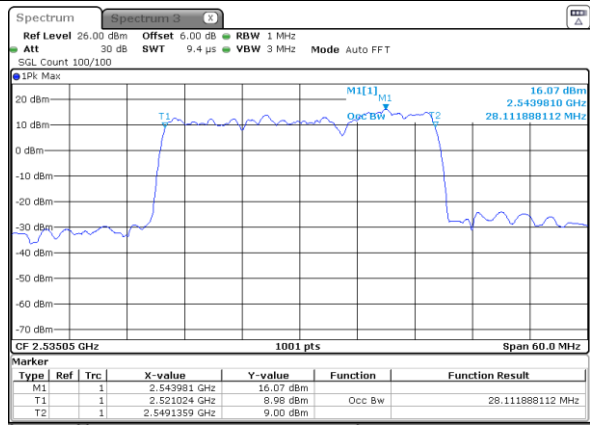
LTE Band 7C

Middle Channel / 20MHz+10MHz / QPSK



Date: 5.FEB.2025 11:20:34

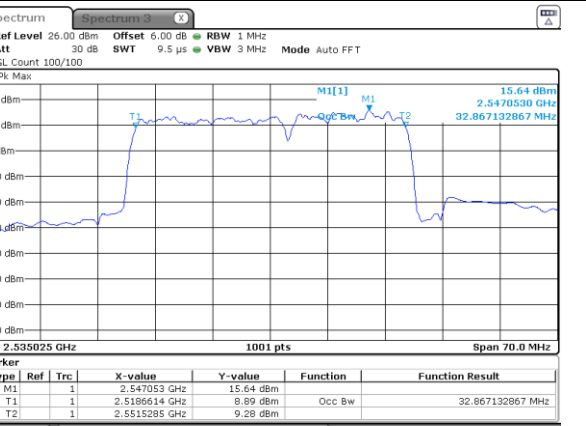
Middle Channel / 20MHz+10MHz / 16QAM



Date: 5.FEB.2025 11:21:57

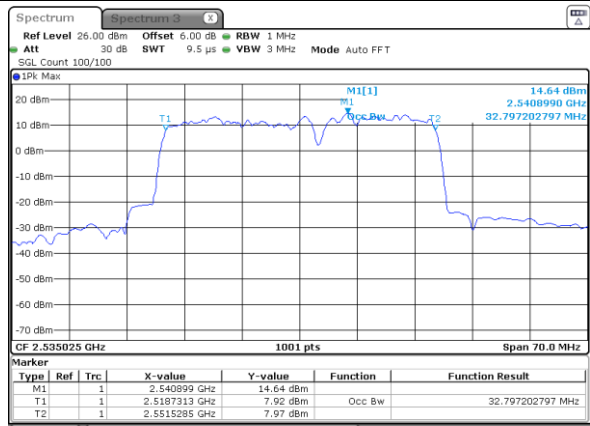
LTE Band 7C

Middle Channel / 20MHz+15MHz / QPSK



Date: 5.FEB.2025 11:23:20

Middle Channel / 20MHz+15MHz / 16QAM

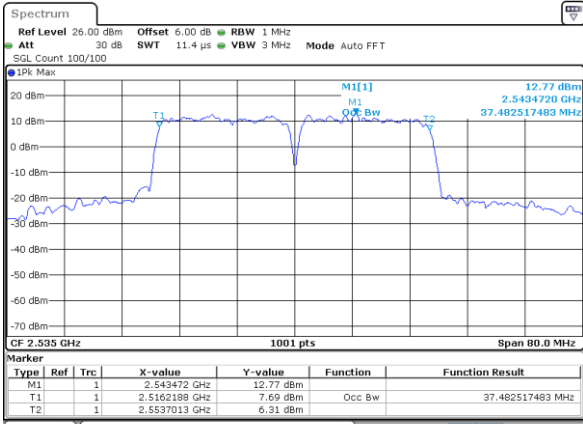


Date: 5.FEB.2025 11:23:48



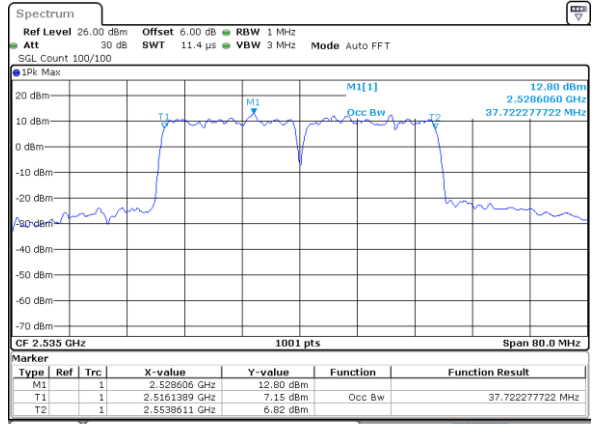
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 24.JAN.2025 13:56:41

Middle Channel / 20MHz+20MHz / 16QAM



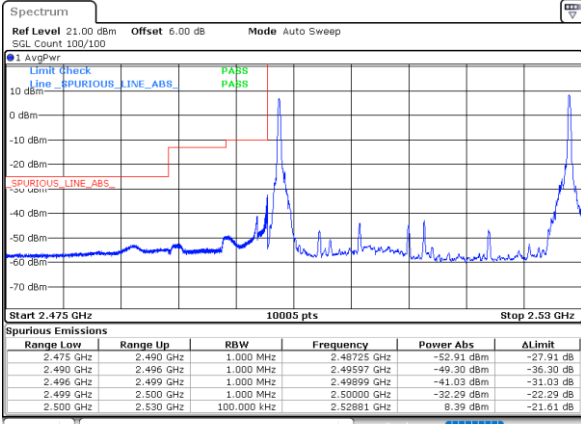
Date: 24.JAN.2025 13:58:04



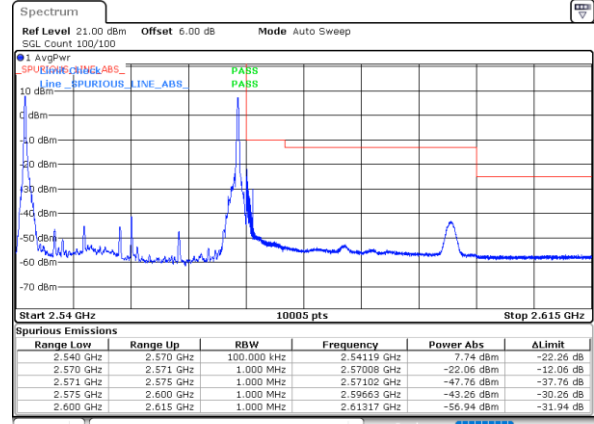
Conducted Band Edge

LTE Band 7C / 10MHz+20MHz QPSK

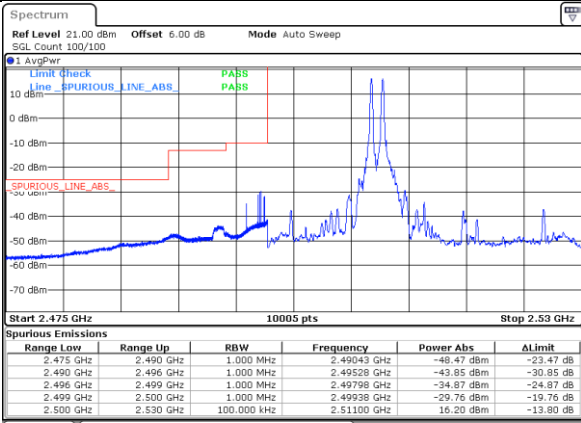
Lowest Band Edge / 1RB0 and 1RB9



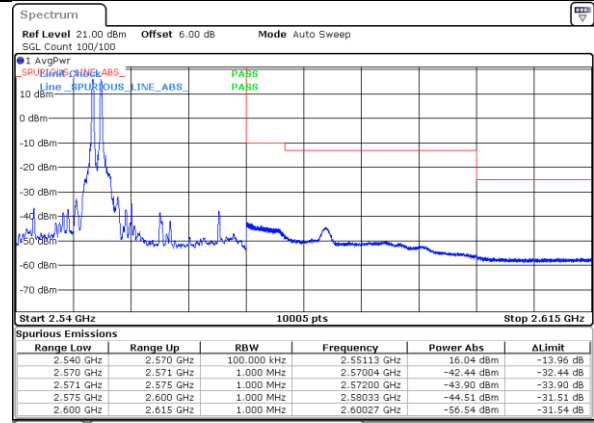
Highest Band Edge / 1RB0 and 1RB9



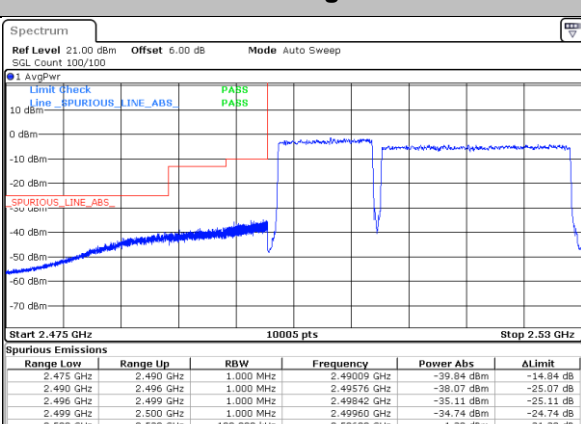
Lowest Band Edge / 1RB49 and 1RB0



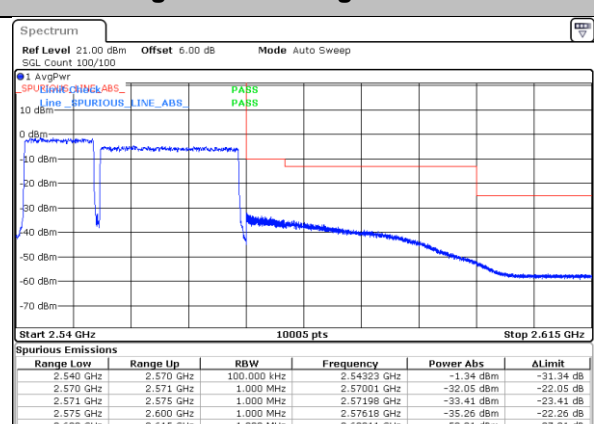
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

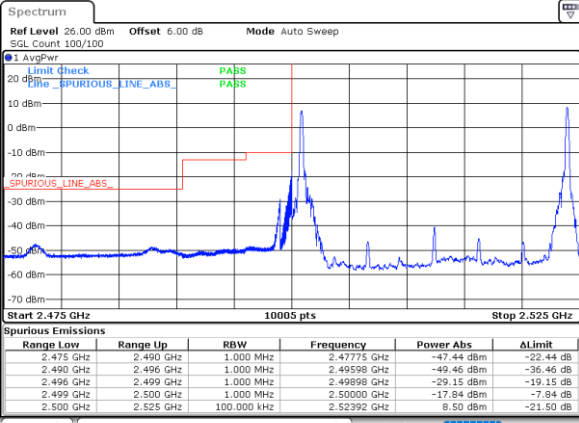




LTE Band 7C / 15MHz+10MHz

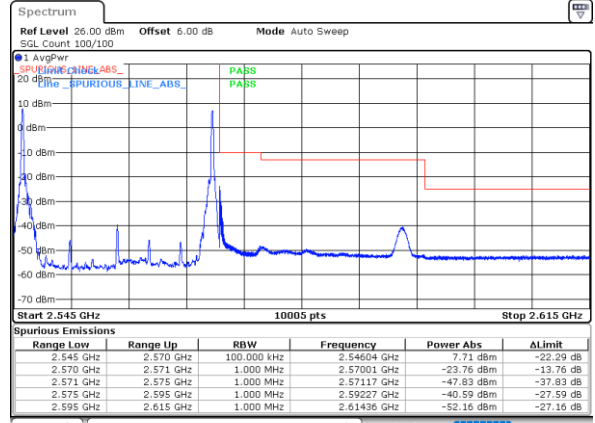
QPSK

Lowest Band Edge / 1RB0 and 1RB49



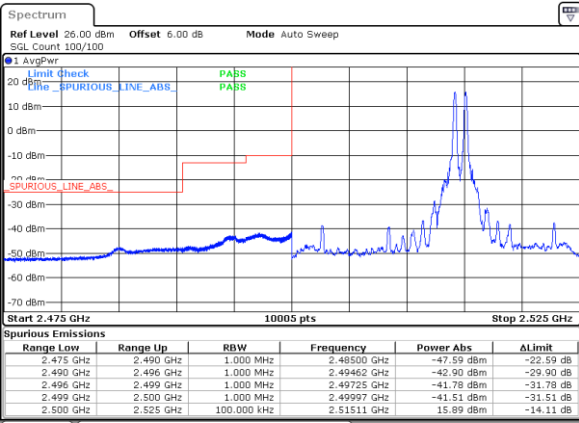
Date: 24.JAN.2025 09:39:53

Highest Band Edge / 1RB0 and 1RB49



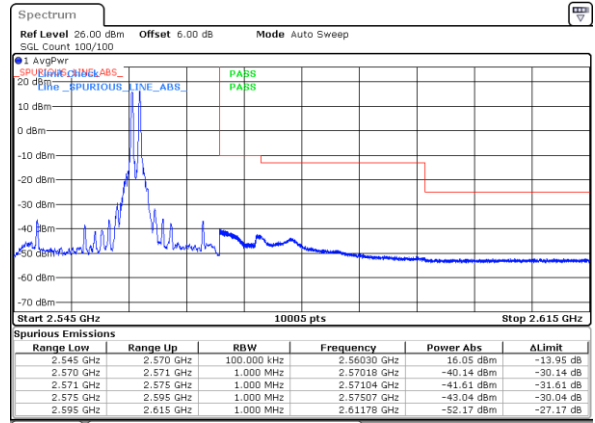
Date: 24.JAN.2025 09:59:02

Lowest Band Edge / 1RB74 and 1RB0



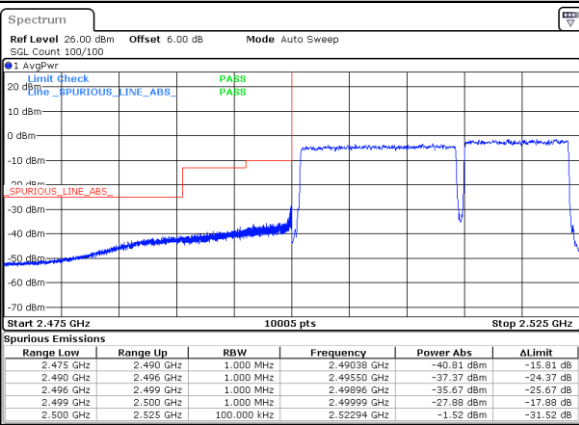
Date: 24.JAN.2025 09:44:57

Highest Band Edge / 1RB74 and 1RB0



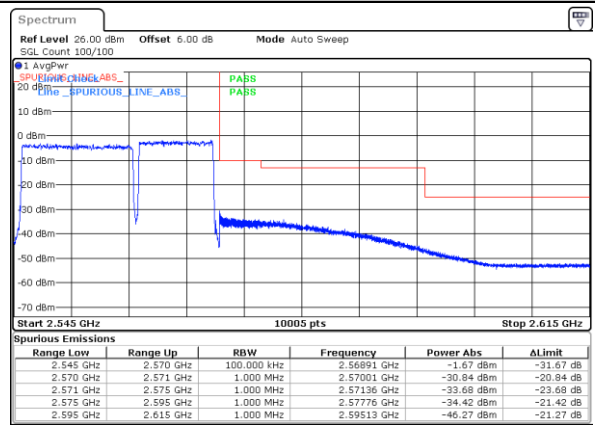
Date: 24.JAN.2025 10:04:06

Lowest Band Edge / Full RB



Date: 24.JAN.2025 09:50:04

Highest Band Edge / Full RB



Date: 24.JAN.2025 10:09:10

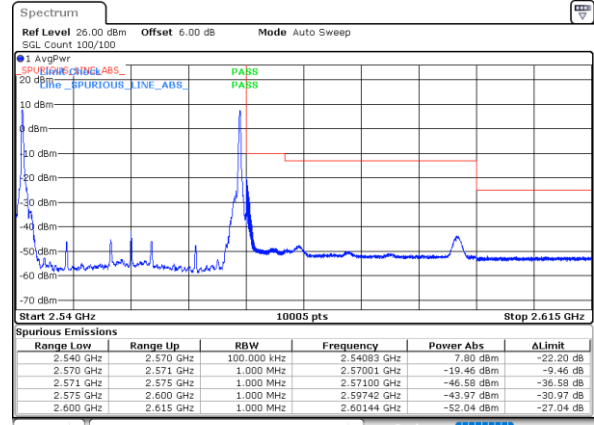
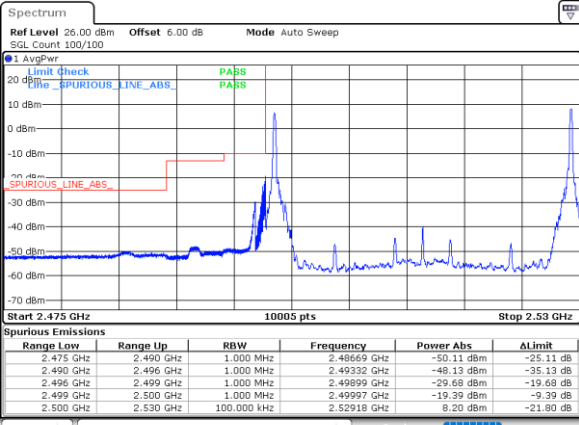


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

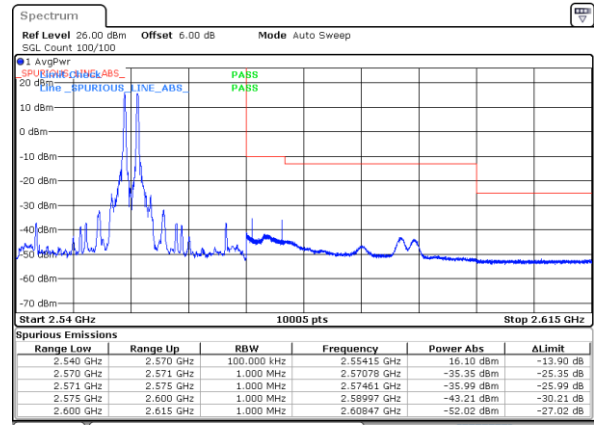
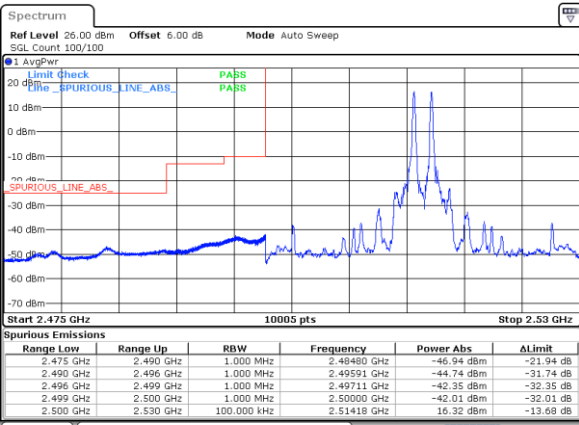


Date: 24.JAN.2025 10:15:44

Date: 24.JAN.2025 10:34:35

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

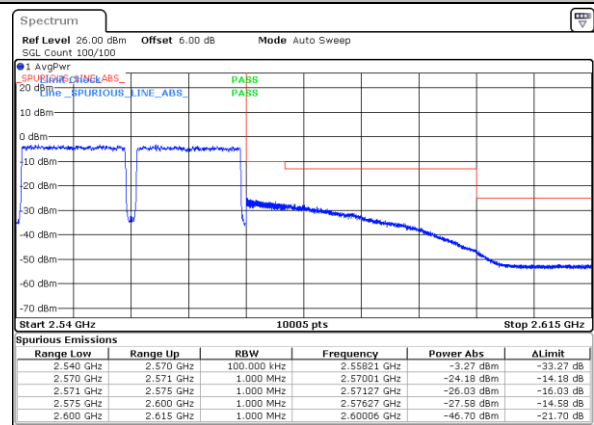
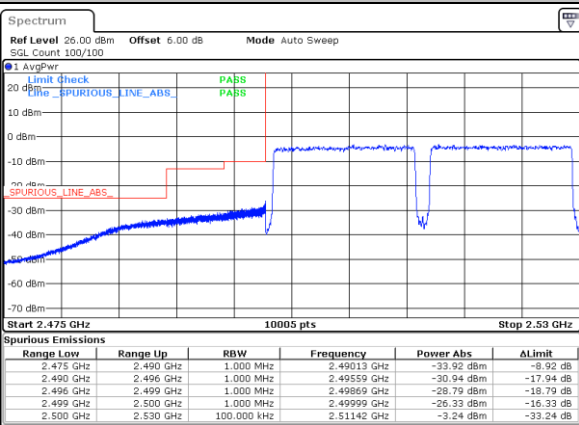


Date: 24.JAN.2025 10:20:43

Date: 24.JAN.2025 10:39:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.JAN.2025 10:25:43

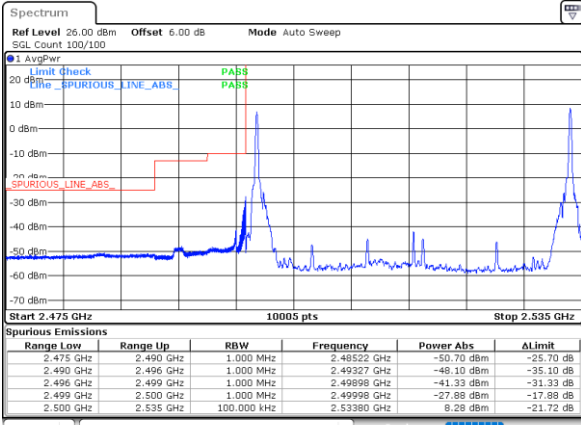
Date: 24.JAN.2025 10:44:29



LTE Band 7C / 15MHz+20MHz

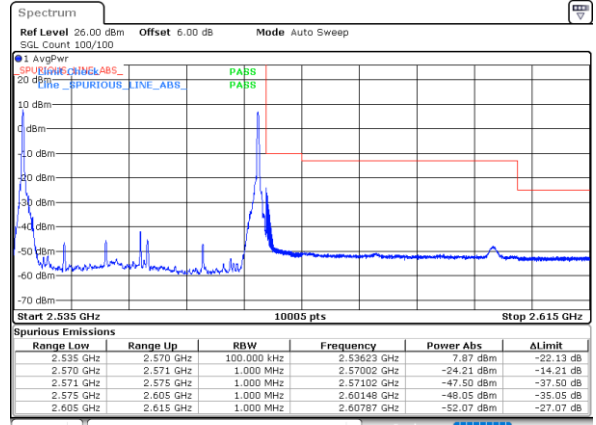
QPSK

Lowest Band Edge / 1RB0 and 1RB9



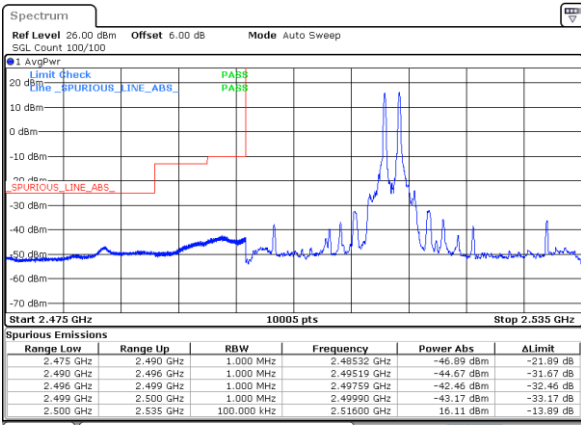
Date: 24.JAN.2025 10:51:25

Highest Band Edge / 1RB0 and 1RB9



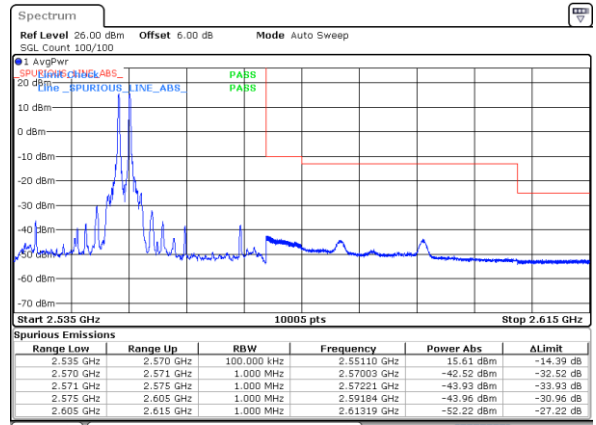
Date: 24.JAN.2025 11:10:41

Lowest Band Edge / 1RB74 and 1RB0



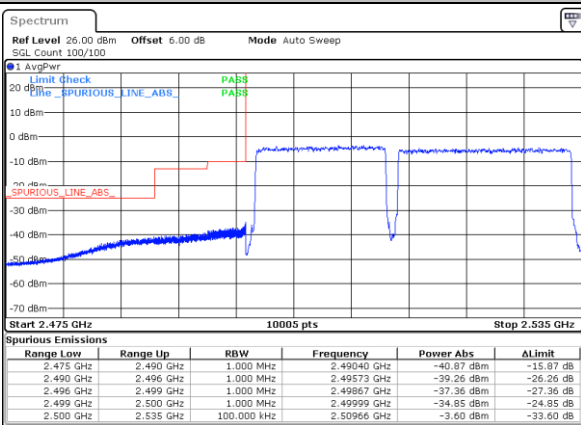
Date: 24.JAN.2025 10:56:31

Highest Band Edge / 1RB74 and 1RB0



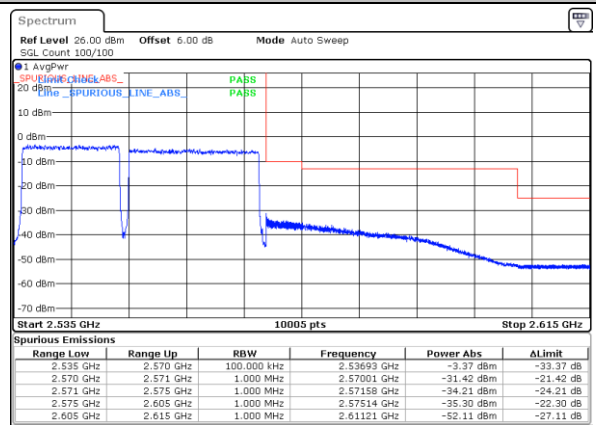
Date: 24.JAN.2025 11:15:43

Lowest Band Edge / Full RB



Date: 24.JAN.2025 11:01:38

Highest Band Edge / Full RB



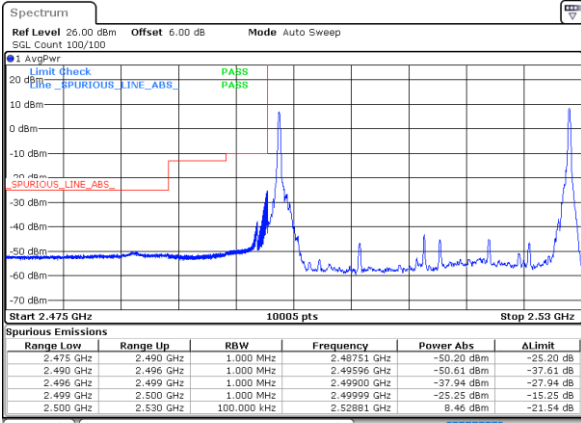
Date: 24.JAN.2025 11:20:45



LTE Band 7C / 20MHz+10MHz

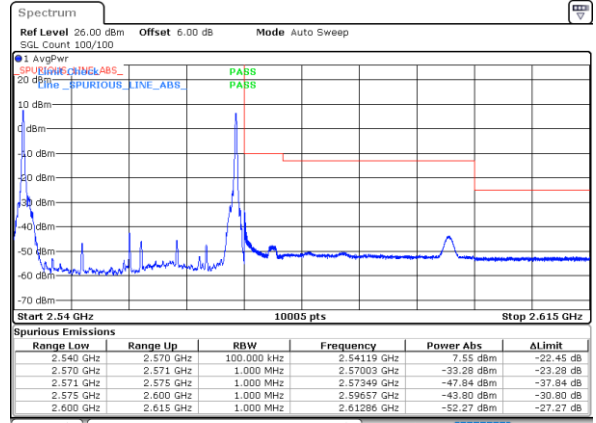
QPSK

Lowest Band Edge / 1RB0 and 1RB74



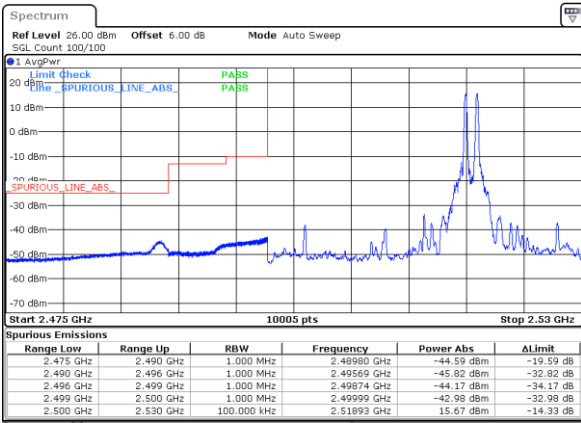
Date: 24.JAN.2025 11:27:48

Highest Band Edge / 1RB0 and 1RB74



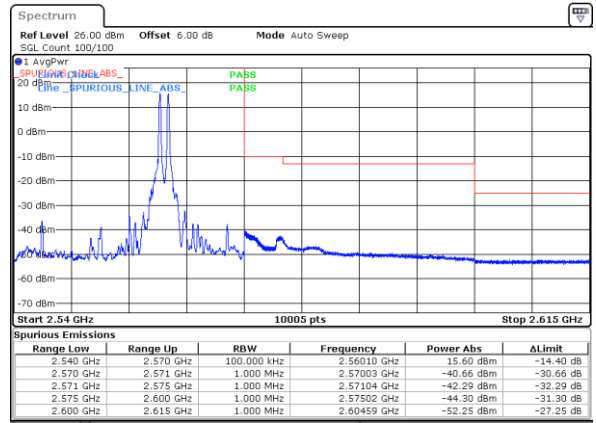
Date: 24.JAN.2025 12:56:07

Lowest Band Edge / 1RB99 and 1RB0



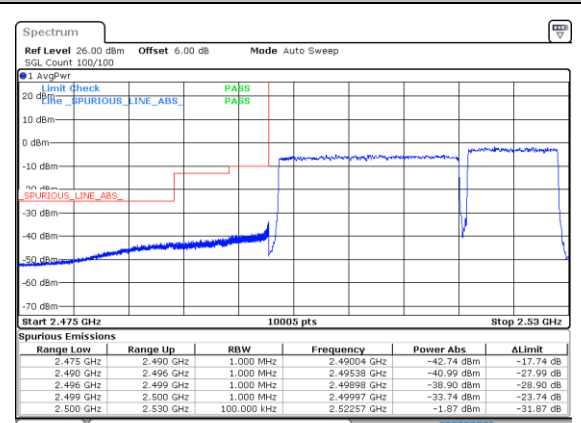
Date: 24.JAN.2025 12:45:52

Highest Band Edge / 1RB99 and 1RB0



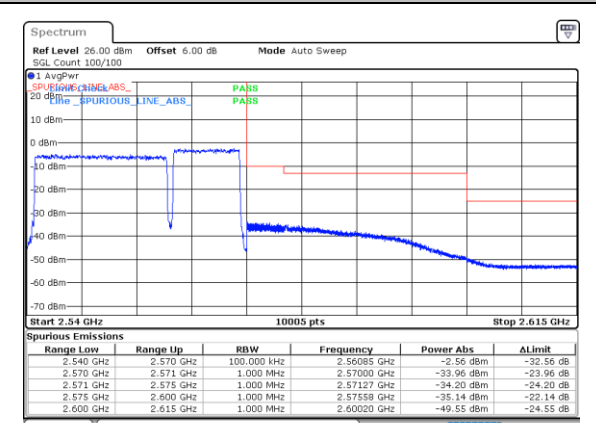
Date: 24.JAN.2025 12:59:28

Lowest Band Edge / Full RB



Date: 24.JAN.2025 12:56:07

Highest Band Edge / Full RB



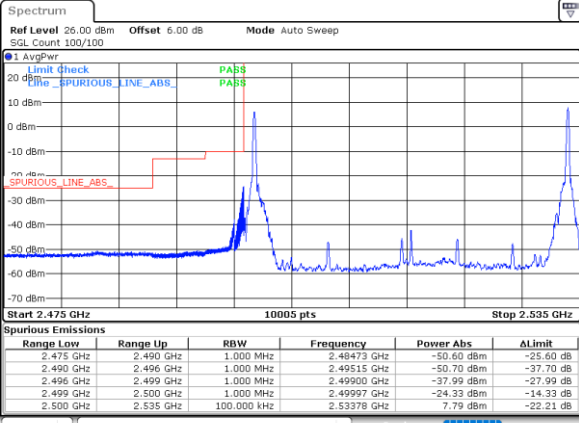
Date: 24.JAN.2025 12:56:07



LTE Band 7C / 20MHz+15MHz

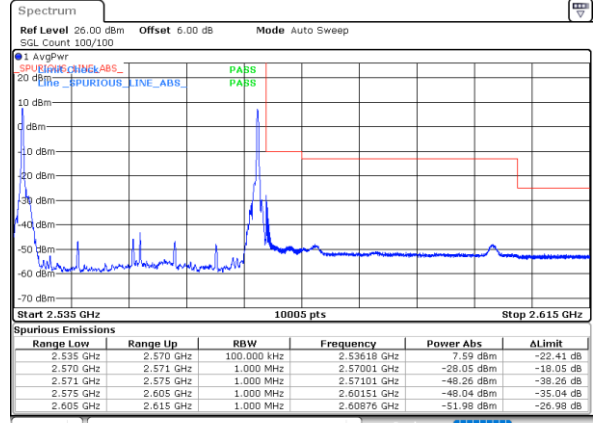
QPSK

Lowest Band Edge / 1RB0 and 1RB74



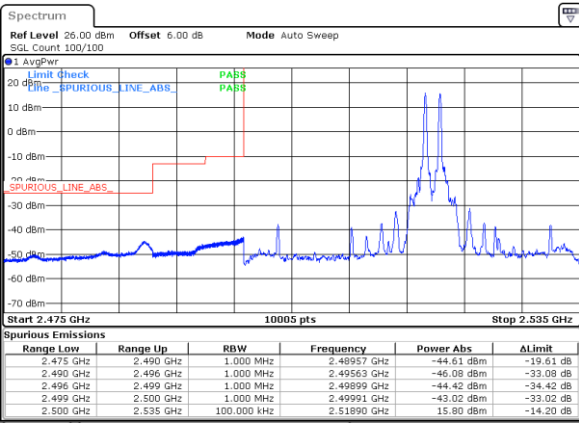
Date: 24.JAN.2025 13:07:17

Highest Band Edge / 1RB0 and 1RB74



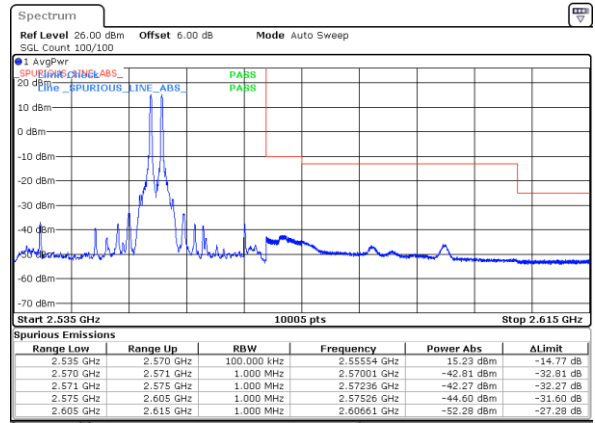
Date: 24.JAN.2025 13:21:52

Lowest Band Edge / 1RB99 and 1RB0



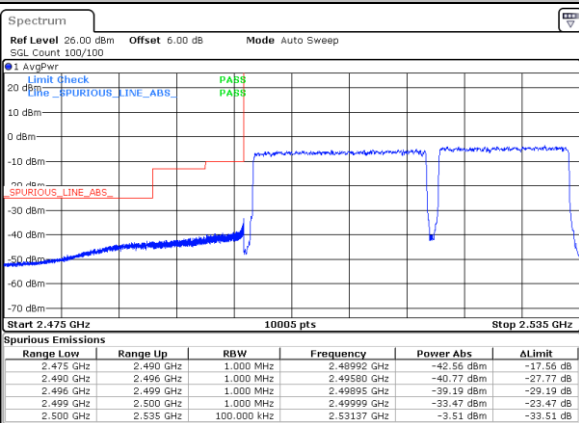
Date: 24.JAN.2025 13:11:11

Highest Band Edge / 1RB99 and 1RB0



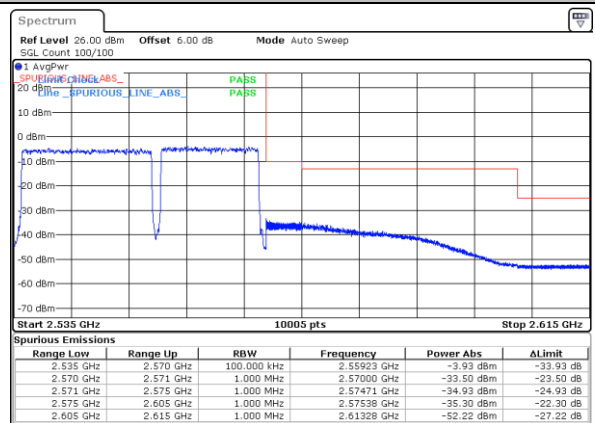
Date: 24.JAN.2025 13:25:15

Lowest Band Edge / Full RB



Date: 24.JAN.2025 13:14:34

Highest Band Edge / Full RB



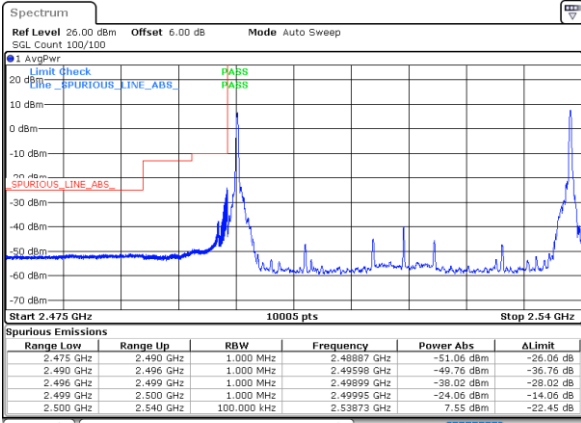
Date: 24.JAN.2025 13:28:38



LTE Band 7C / 20MHz+20MHz

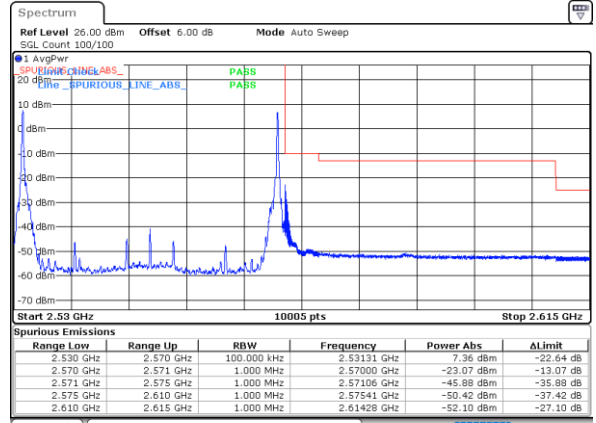
QPSK

Lowest Band Edge / 1RB0 and 1RB9



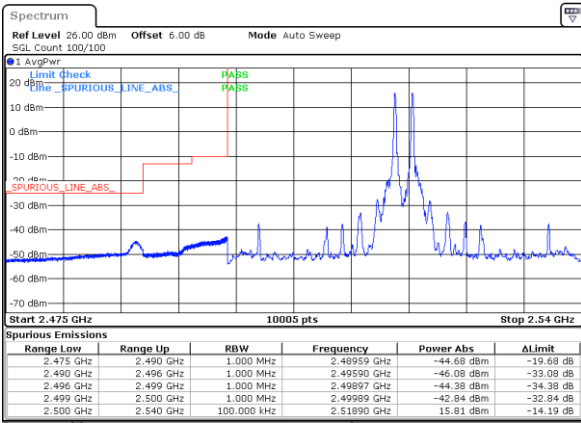
Date: 24.JAN.2025 13:33:30

Highest Band Edge / 1RB0 and 1RB9



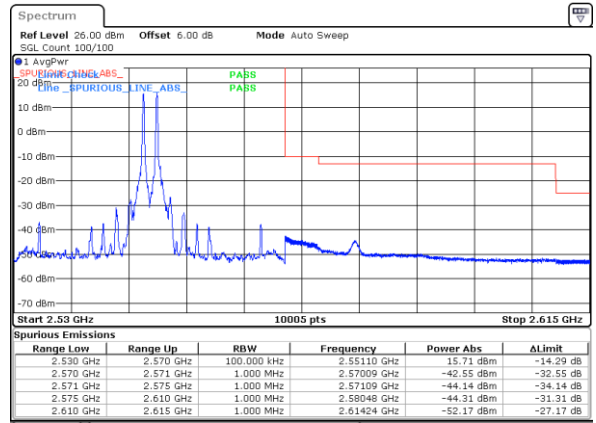
Date: 24.JAN.2025 13:47:13

Lowest Band Edge / 1RB99 and 1RB0



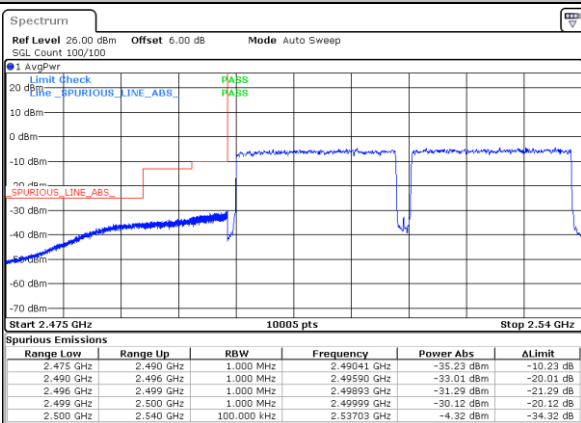
Date: 24.JAN.2025 13:36:48

Highest Band Edge / 1RB99 and 1RB0



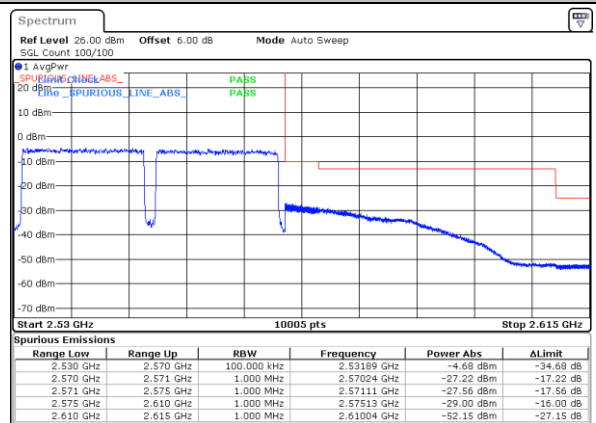
Date: 24.JAN.2025 13:50:29

Lowest Band Edge / Full RB



Date: 24.JAN.2025 13:40:06

Highest Band Edge / Full RB



Date: 24.JAN.2025 13:53:44

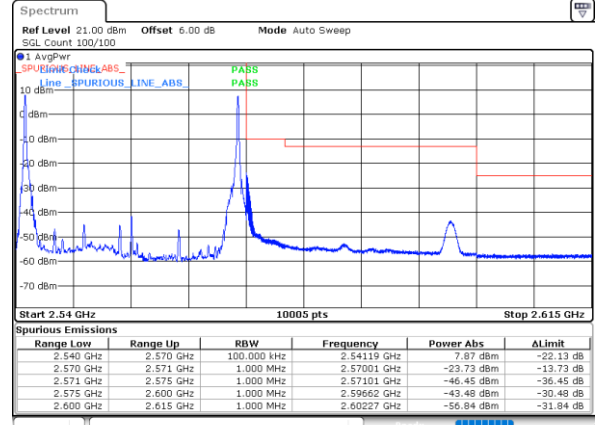
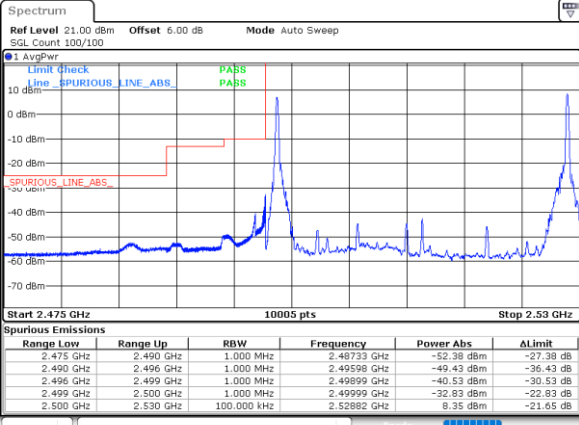


LTE Band 7C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

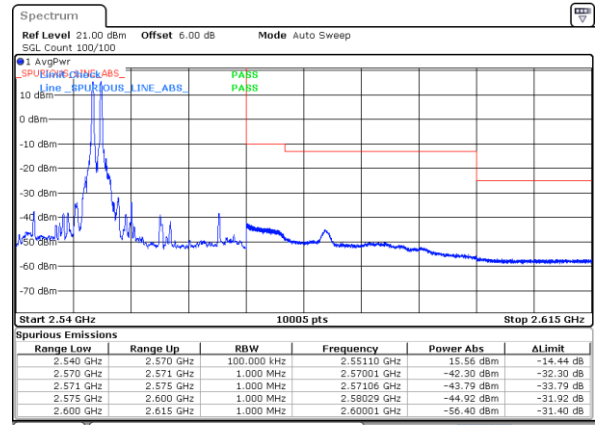
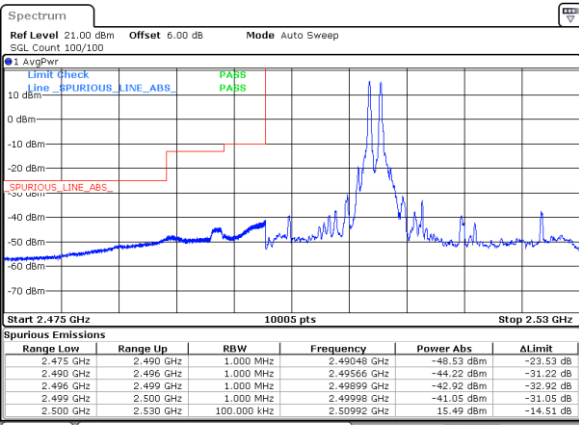


Date: 24.JAN.2025 09:04:44

Date: 24.JAN.2025 09:23:55

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

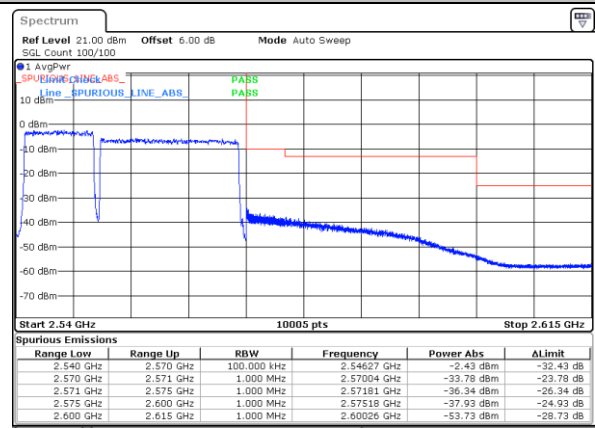
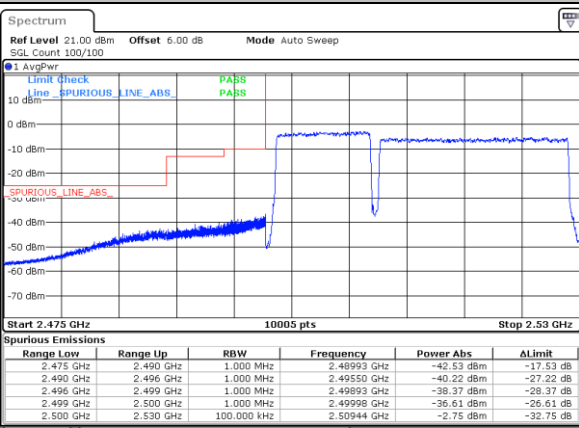


Date: 24.JAN.2025 09:09:50

Date: 24.JAN.2025 09:28:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.JAN.2025 09:14:57

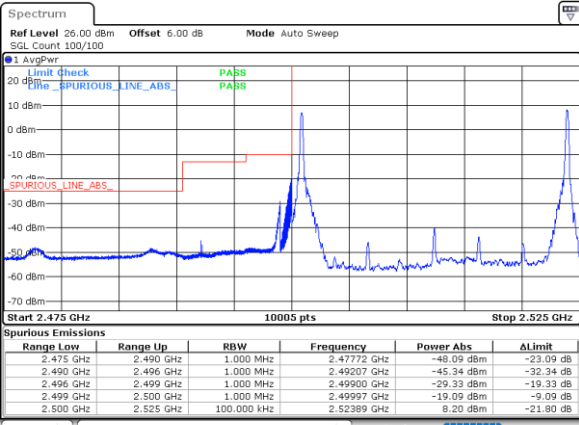
Date: 24.JAN.2025 09:34:03



LTE Band 7C / 15MHz+10MHz

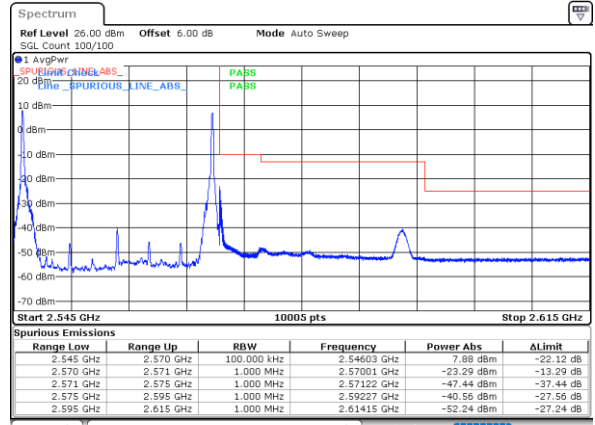
16QAM

Lowest Band Edge / 1RB0 and 1RB49



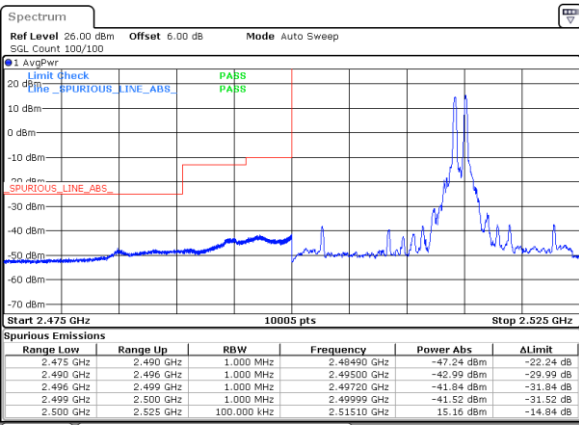
Date: 24.JAN.2025 09:41:07

Highest Band Edge / 1RB0 and 1RB49



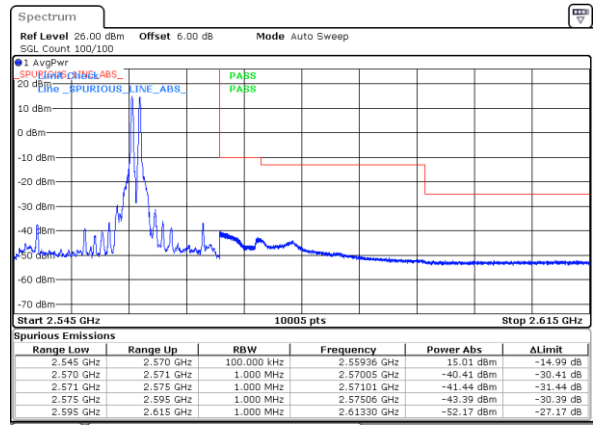
Date: 24.JAN.2025 10:00:18

Lowest Band Edge / 1RB74 and 1RB0



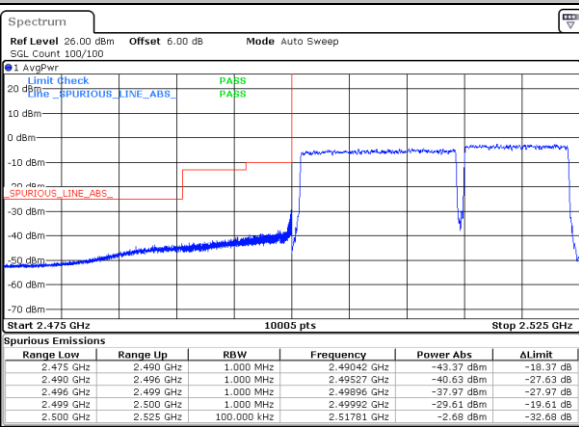
Date: 24.JAN.2025 09:46:14

Highest Band Edge / 1RB74 and 1RB0



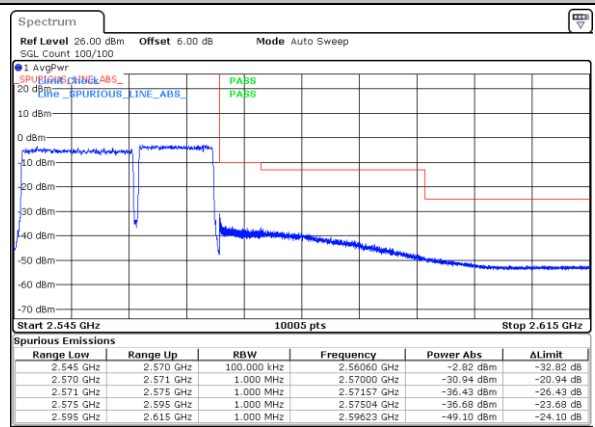
Date: 24.JAN.2025 10:05:22

Lowest Band Edge / Full RB



Date: 24.JAN.2025 09:51:21

Highest Band Edge / Full RB



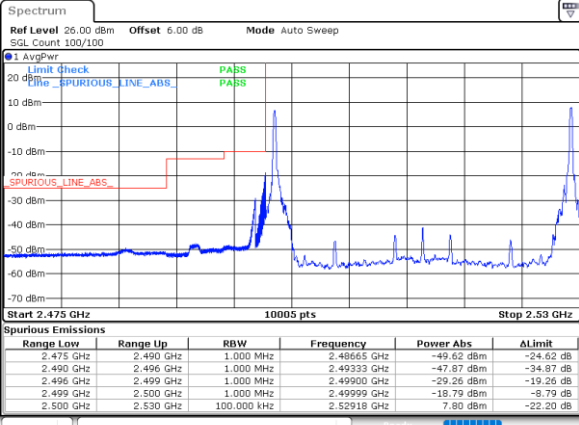
Date: 24.JAN.2025 10:10:26



LTE Band 7C / 15MHz+15MHz

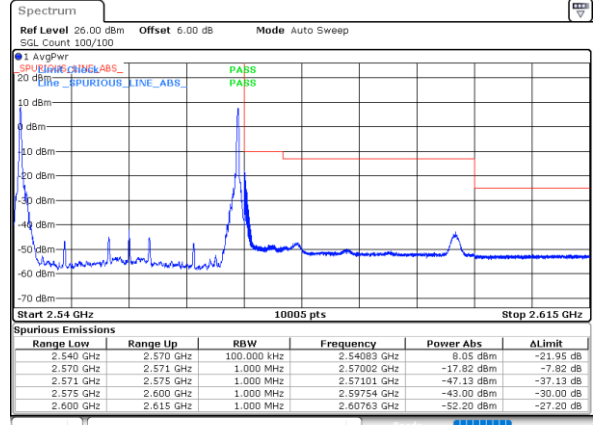
16QAM

Lowest Band Edge / 1RB0 and 1RB74



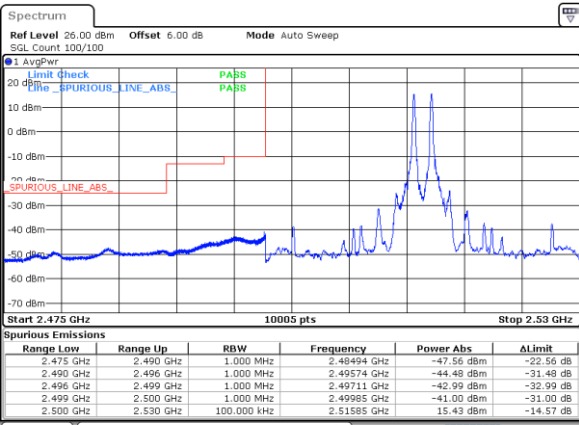
Date: 24.JAN.2025 10:16:58

Highest Band Edge / 1RB0 and 1RB74



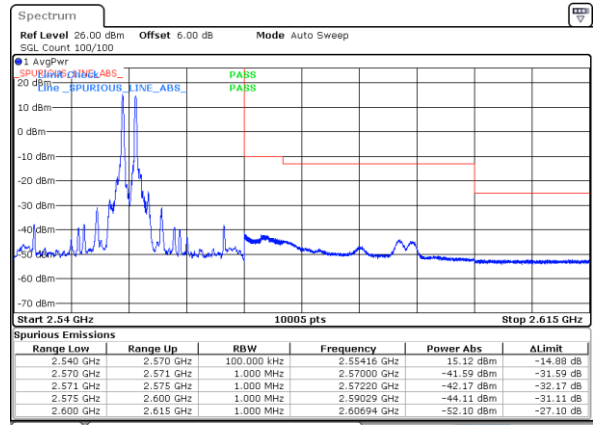
Date: 24.JAN.2025 10:35:49

Lowest Band Edge / 1RB74 and 1RB0



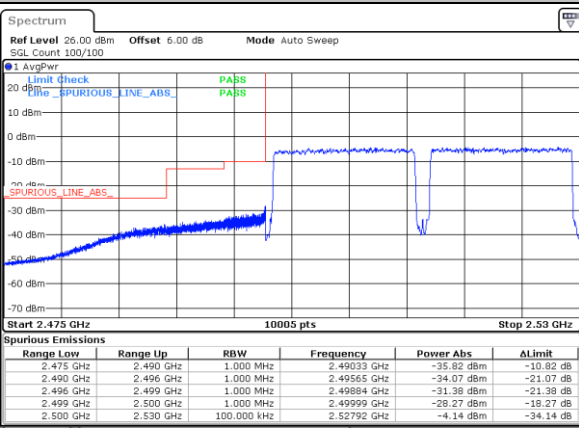
Date: 24.JAN.2025 10:21:58

Highest Band Edge / 1RB74 and 1RB0



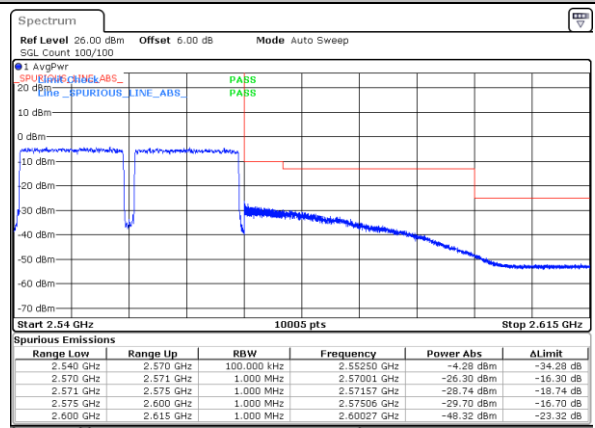
Date: 24.JAN.2025 10:40:46

Lowest Band Edge / Full RB



Date: 24.JAN.2025 10:26:57

Highest Band Edge / Full RB



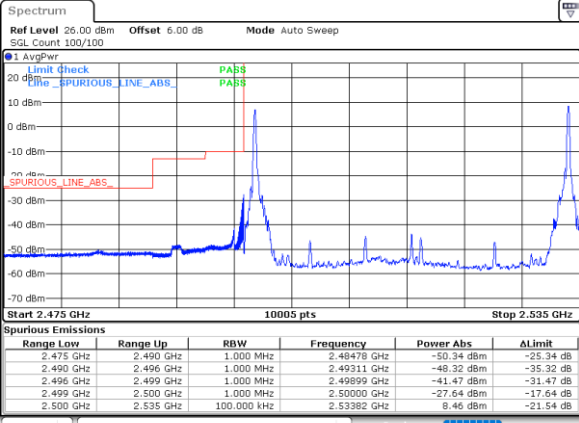
Date: 24.JAN.2025 10:45:43



LTE Band 7C / 15MHz+20MHz

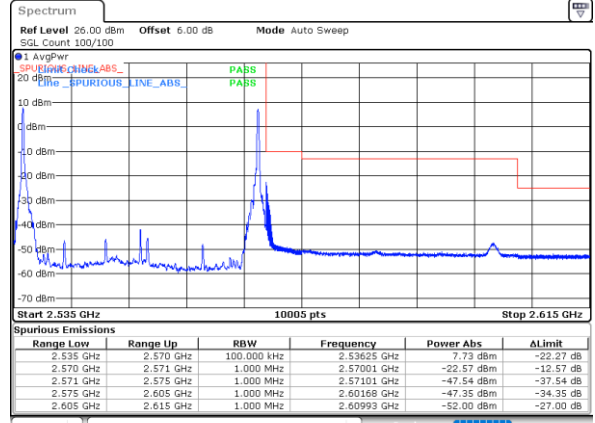
16QAM

Lowest Band Edge / 1RB0 and 1RB9



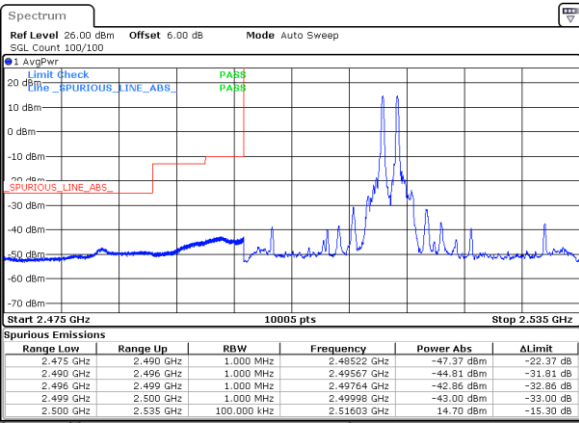
Date: 24.JAN.2025 10:52:41

Highest Band Edge / 1RB0 and 1RB9



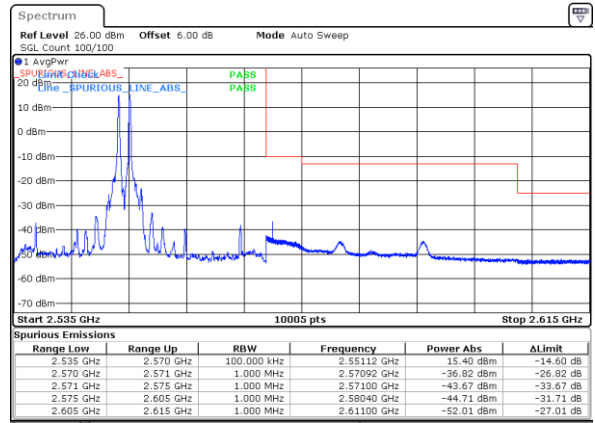
Date: 24.JAN.2025 11:11:56

Lowest Band Edge / 1RB74 and 1RB0



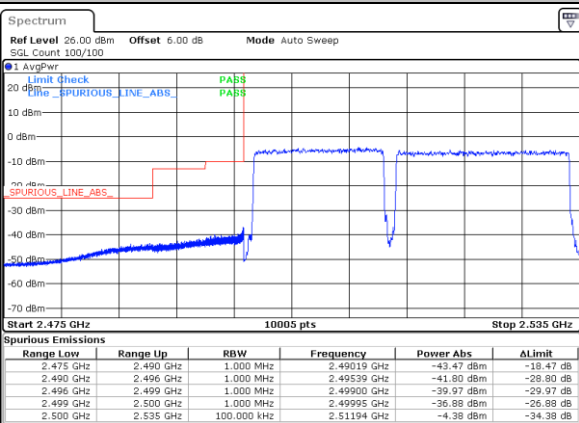
Date: 24.JAN.2025 10:57:48

Highest Band Edge / 1RB74 and 1RB0



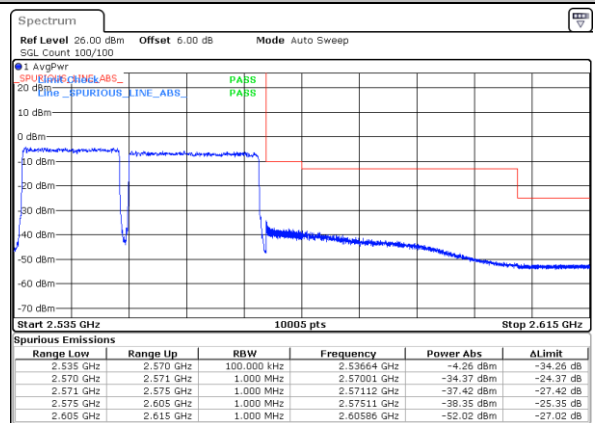
Date: 24.JAN.2025 11:16:58

Lowest Band Edge / Full RB



Date: 24.JAN.2025 11:02:54

Highest Band Edge / Full RB



Date: 24.JAN.2025 11:22:01

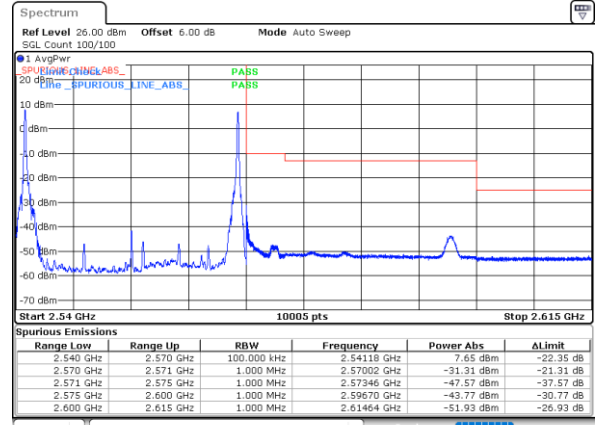
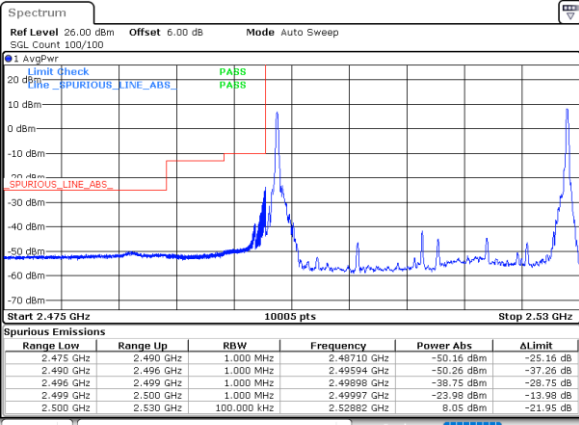


LTE Band 7C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

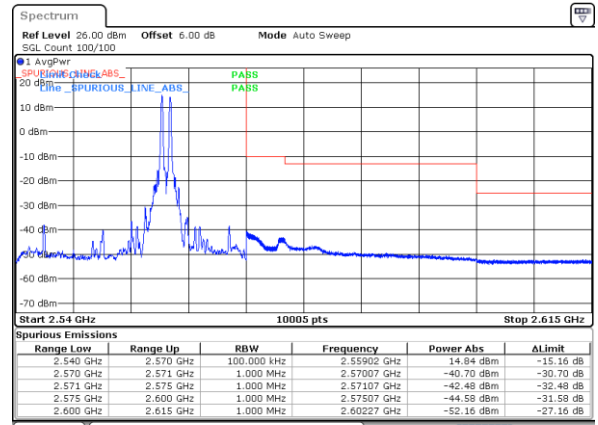
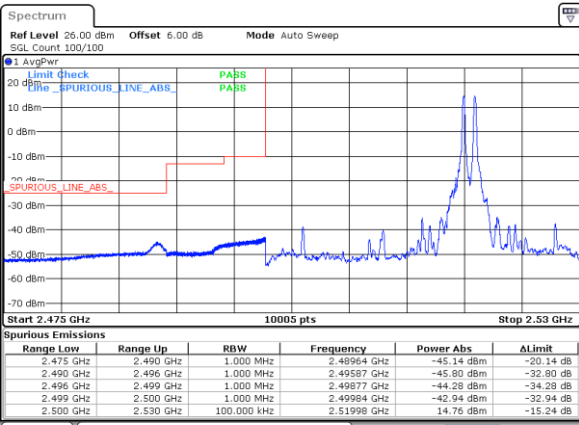


Date: 24.JAN.2025 11:29:04

Date: 24.JAN.2025 12:56:57

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

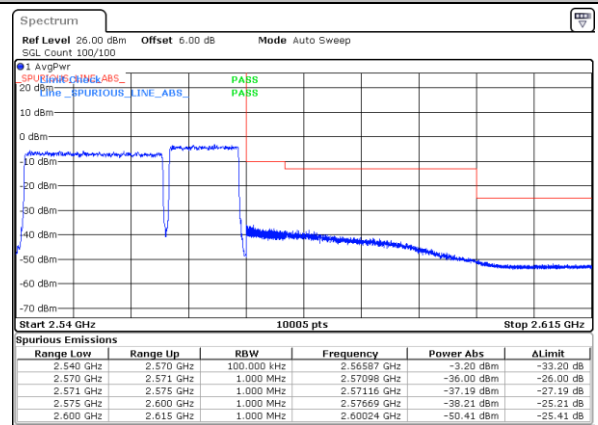
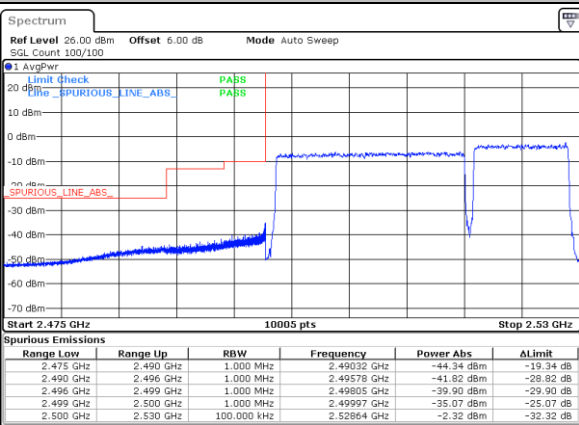


Date: 24.JAN.2025 12:46:43

Date: 24.JAN.2025 13:00:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 24.JAN.2025 12:50:07

Date: 24.JAN.2025 13:03:42